

What is claimed is:

1. A liquid ejecting apparatus comprising:

a head member having a nozzle and a liquid-ejecting unit that ejects liquid in the nozzle,

a main controlling part that drives the liquid-ejecting unit based on ejecting data,

a capping member relatively movable between a position away from the head member and a position in contact with the head member,

a suction way communicated with an inside of the capping member,

a built-in slide-rotator type of positive displacement pump provided in the suction way, and

a release mechanism that can release the inside of the capping member to an atmosphere when the capping member is in contact with the head member.

2. A liquid ejecting apparatus according to claim 1, wherein:

the release mechanism is a release valve provided in the capping member.

3. A liquid ejecting apparatus according to claim 1, wherein:

the built-in slide-rotator type of positive displacement pump has a pump frame connected to the suction way, and

the release mechanism is a release valve provided in the pump frame.

4. A liquid ejecting apparatus according to claim 1, wherein:

the release mechanism is a snakelike capillary way provided in the capping member.

5. A liquid ejecting apparatus according to claim 1, wherein:

a check valve is provided between the capping member and the built-in slide-rotator type of positive displacement pump.

6. A liquid ejecting apparatus according to claim 1, wherein:

the built-in slide-rotator type of positive displacement pump is a gear pump.

7. A liquid ejecting apparatus according to claim 1, wherein:

the built-in slide-rotator type of positive displacement pump is a roots pump.

8. A liquid ejecting apparatus according to claim 1, wherein:

the built-in slide-rotator type of positive displacement pump is a quimby screw pump.

9. A liquid ejecting apparatus according to claim 1, wherein:

the built-in slide-rotator type of positive displacement pump is a vane pump.

10. A liquid ejecting apparatus comprising:

a head member having a nozzle and a liquid-ejecting unit that ejects liquid in the nozzle,

a main controlling part that drives the liquid-ejecting unit based on ejecting data,

a capping member relatively movable between a position away from the head member and a position in contact with the head member,

a suction way communicated with an inside of the capping member,

a reciprocating-mechanism type of positive displacement pump provided in the suction way, and

a release mechanism that can release the inside of the capping member to an atmosphere when the capping member is in contact with the head member.

11. A liquid ejecting apparatus according to claim 10, wherein:

the release mechanism is a release valve provided in the capping member.

12. A liquid ejecting apparatus according to claim 10, wherein:

the reciprocating-mechanism type of positive displacement pump is a piston pump.

13. A liquid ejecting apparatus according to claim 10, wherein:

the reciprocating-mechanism type of positive displacement pump is a bellows pump.

14. A liquid ejecting apparatus according to claim 10, wherein:

the reciprocating-mechanism type of positive displacement pump is a diaphragm pump.